

IN THE UNITED STATES PATENT AND TRADEMARK OFF

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

BUSINESS VOLUME AND WORKFORCE REQUIREMENTS FORECASTER

the spe	ecification of which	(check one)				
[]	is attached herete	o.				
[X]	was filed on A	ugust 28, 2000 as	s United States Application			
	Number or PCT	International Applic	cation No. <u>09/649,122</u>			
	and was amende	d on	_ (if applicable).			
includi	I hereby state thating the claims, as a	at I have reviewed ar mended by any amer	nd understand the contents of the a ndment referred to above.	bove-identified	specificat	ion,
define	I acknowledge the din 37 C.F.R. §1.5		nformation which is known by me t	o be material to	o patentab	ility as
				65/h) = f === + fo	reion anni	ination(a)
country	ent or inventor's ce y other than the Un reign application fo	rtificate or 365(a) of tited States of Ameri	its under 35 U.S.C. 119(a)-(d) or 3 f any PCT international application ica, listed below and have also iden is certificate, or of any PCT internationity is claimed:	n which designa Itified below, b	ited at leas y checking	t one the box,
countr	ent or inventor's ce y other than the Un reign application fo	ertificate or 365(a) of hited States of Ameri or patent or inventor plication on which pa	f any PCT international application ica, listed below and have also iden is certificate, or of any PCT interna	n which designa Itified below, b	ited at leas y checking on having Cert	t one the box,
countr any for date be	tent or inventor's ce y other than the Un reign application for efore that of the app	ertificate or 365(a) of hited States of Ameri or patent or inventor plication on which pa	f any PCT international application ica, listed below and have also iden is certificate, or of any PCT interna riority is claimed:	which designa tified below, b tional applicati Priority Not	ited at leas y checking on having Cert Copy	t one the box, a filing ified Filed?
countr	tent or inventor's ce y other than the Un reign application for efore that of the app per)	ertificate or 365(a) of hited States of Ameri or patent or inventor plication on which p	f any PCT international application ica, listed below and have also iden is certificate, or of any PCT internationity is claimed: Prior Foreign Application(s)	which designa tified below, b tional applicati Priority Not Claimed	ited at leas y checking on having Cert Copy YES	t one the box, a filing ified Filed?
countr any for date be	tent or inventor's ce y other than the Un reign application for efore that of the app per)	ertificate or 365(a) of hited States of Ameri or patent or inventor plication on which p	f any PCT international application ica, listed below and have also iden is certificate, or of any PCT internationity is claimed: Prior Foreign Application(s) (Day/Month/Year filed)	which designa tified below, b tional applicati Priority Not Claimed	ted at least y checking on having Cert Copy YES	t one the box, filing ified Filed? NO
(Numb	tent or inventor's ce y other than the Un reign application for efore that of the app oer)	rtificate or 365(a) of dited States of Amerior patent or inventor plication on which produced (Country) (Country)	f any PCT international application ica, listed below and have also iden is certificate, or of any PCT internationity is claimed: Prior Foreign Application(s) (Day/Month/Year filed) (Day/Month/Year filed)	which designatified below, be tional applicational applica	checking on having Cert Copy YES []	t one the box, the bo

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)
As a named inv Hamilton, Brook, Smit Customer No. 2100	h & Reyn	ereby appoint the attorneys a solds, P.C., Two Militia Dr	and/or agents associated with rive, Lexington, Massachusetts 02421-4799
and	•		
to prosecute this applica	tion and to	o transact all business in the	Patent and Trademark Office connected therewith.
Please send corresp			Tatem and Trademark Office confected increwith.
•	ondence (
[X] Customer No.			SMITH & REYNOLDS, P.C.
		Two Militia Drive Lexington, MA 02421-4	799
or		,	
[] Address as follo	ows:		
Direct telephon	e calls to:	James M. Smith, Esq.	Telephone No.: 781-861-6240
Direct facsimile	es to:	James M. Smith, Esq.	Facsimile No.: 781-861-9540
on information and belie that willful false stateme	f are belie nts and the Inited Stat	ved to be true; and further the like so made are punishables es Code and that such willfu	y own knowledge are true and that all statements made hat these statements were made with the knowledge e by fine or imprisonment, or both, under Section all false statements may jeopardize the validity of the
Full name of sole			
or first inventor	Chanda	n Adhikari	
Inventor's Signature		mile	Date 10 31 00
Residence	1055 Sc	outhern Artery, Apt. No. 309	
		Massachusetts 02169	
Citizenship			
Post Office Address	Same as	Above	

Full name of second jo	int /i		,
inventor, if any	John Anderson	1	1
Inventor's Signature	white	Date 11 06	2000
Residence	661 Washington Street		
	Brookline, Massachusetts 02446		
Citizenship	USA		
Post Office Address	Same as Above		
Full name of third joint			
inventor, if any	Mark E. Bucci		,
Inventor's Signature	Im Copi	Date	70)
Residence		/ /	
	Sandwich, Massachusetts 02563		
Citizenship	USA		
Post Office Address	Same as Above		
Full name of fourth join	nt		
inventor, if any	Paul J. Piccolomini		
Inventor's Signature		Date	00
Residence	109 Revolution Drive		
	Leominster, Massachusetts 01453		
Citizenship	USA		
Post Office Address	Same as Above		
Full name of fifth joint			
inventor, if any	Dennis H. Smith		
Inventor's Signature	1 1	Date 10/31 0	<u> </u>
Residence	84 Monument Farm Road		
	Concord, Massachusetts 01742		
Citizenship	USA		
Post Office Address	Same as Above		

IN THE UNITED STATES PATENT AND TRADEMARK OFFIC

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

BUSIN	ESS VOLUME ANI	O WORKFORCE REQUIREMENT	S FOR	ECAS'	<u>TER</u>			
the specification of which	(check one)							
•	, , ,							
is attached hereto	0.				•			
[X] was filed on A	as 28, 2000 as	United States Application						
Number or PCT	International Applica	ation No. 09/649,122			•			
and was amende	d on	(if applicable).						
		d understand the contents of the abodement referred to above.	ve-ide	ntified	spec	ificat	ion,	
I acknowledge the lefined in 37 C.F.R. §1.50		formation which is known by me to	be mat	erial to	pate	entabi	lity a	is
or patent or inventor's cer country other than the Un	rtificate or 365(a) of ited States of Americ or patent or inventor's plication on which pr	ts under 35 U.S.C. 119(a)-(d) or 36: any PCT international application va, listed below and have also identic certificate, or of any PCT internationity is claimed: rior Foreign Application(s)	vhich d fied be onal ap	esignat low, by	ted a che	t leas cking	t one the l a fili	box, ng
	<u> </u>	for Poteign Application(s)	N	orny iot imed	Y	Copy ES	Filed	
Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
Number)	(Country)	(Day/Month/Year filed)	_ []	[]	[]
hereby claim the benefit	under 35 U.S.C. §11	9(e) of any United States provision	al appli	ication	(s) li	sted b	elow	<i>1</i> .
60/214,393 Application Number)		June 28, 2000 (Filing Date)						
Application Number)		(Filing Date)	 					

#3

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No	p.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No	p.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No	o.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No	p.)	(Filing date)	(Status: patented, pending, abandoned)
	ith & Reyno		and/or agents associated with orive, Lexington, Massachusetts 02421-4799
and			,
to prosecute this applic	cation and to	transact all business in the	e Patent and Trademark Office connected therewith.
Please send corres	spondence to	:	
[X] Customer No	.	21005 HAMILTON, BROOK Two Militia Drive Lexington, MA 02421-	, SMITH & REYNOLDS, P.C.
or ·		0 .	
[] Address as fo			
[] Address as for	one calls to: _	James M. Smith, Esq. James M. Smith, Esq.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540
Direct telephoral Direct facsimal I hereby declar on information and belthat willful false statem	one calls to: are that all state ief are believents and the United State	James M. Smith, Esq. James M. Smith, Esq. atements made herein of need to be true; and further like so made are punishals Code and that such will	Telephone No.: 781-861-6240
Direct telephon Direct facsime I hereby declar on information and belthat willful false statem 1001 of Title 18 of the	one calls to: are that all state ief are believents and the United State	James M. Smith, Esq. James M. Smith, Esq. atements made herein of need to be true; and further like so made are punishals Code and that such will	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section
Direct telephon Direct facsime I hereby declar on information and belthat willful false statem 1001 of Title 18 of the application or any pate	one calls to: are that all state ief are believents and the United State ent issued there	James M. Smith, Esq. James M. Smith, Esq. atements made herein of need to be true; and further like so made are punishals Code and that such will	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section
Direct telephoral Direct facsimal I hereby declar on information and belthat willful false statem 1001 of Title 18 of the application or any pate	one calls to: are that all state ief are believents and the United State ent issued there	James M. Smith, Esq. James M. Smith, Esq. Attements made herein of need to be true; and further like so made are punishal as Code and that such will reon.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section
Direct telephon Direct facsima I hereby declar on information and belthat willful false statem 1001 of Title 18 of the application or any pate Full name of sole or first inventor	iles to: are that all state ief are believents and the United State ant issued there	James M. Smith, Esq. James M. Smith, Esq. Attements made herein of need to be true; and further like so made are punishal as Code and that such will reon.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the
Direct telephon Direct facsim I hereby declar on information and belthat willful false statem 1001 of Title 18 of the application or any pate Full name of sole or first inventor Inventor's Signature	iles to: are that all state ief are believents and the United State ont issued there Chandan 1055 Soundery	James M. Smith, Esq. James M. Smith, Esq. Attements made herein of need to be true; and further like so made are punishals. Code and that such will reon. Adhikari	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the
Direct telephon Direct facsim I hereby declar on information and belthat willful false statem 1001 of Title 18 of the application or any pate Full name of sole or first inventor Inventor's Signature	chandan Chandan 1055 Sor Ouincy, India	James M. Smith, Esq. James M. Smith, Esq. Attements made herein of need to be true; and further like so made are punishals Code and that such will reon. Adhikari uthern Artery, Apt. No. 36 Massachusetts 02169	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 ny own knowledge are true and that all statements made that these statements were made with the knowledge ble by fine or imprisonment, or both, under Section ful false statements may jeopardize the validity of the

Inventor's Signature Residence Brookline, Massachusetts 02446 Citizenship USA Post Office Address Same as Above Full name of third joint inventor, if any Mark E. Bucci Inventor's Signature Residence 12 Bottom Lane Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Residence 109 Revolution Drive			
Brookline, Massachusetts 02446 Citizenship USA Post Office Address Same as Above Full name of third joint inventor, if any Mark E. Bucci Inventor's Signature Residence 12 Bottom Lane Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Faul J. Wassachusetts Office Address Signature Faul J. Piccolomini			
Citizenship USA Post Office Address Same as Above Full name of third joint inventor, if any Mark E. Bucci Inventor's Signature 12 Bottom Lane Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature			
Post Office Address Same as Above Full name of third joint inventor, if any Mark E. Bucci Inventor's Signature Residence 12 Bottom Lane Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini			
Full name of third joint inventor, if any			
Inventor's Signature Residence Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini			
Residence 12 Bottom Lane Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini	· · · · · · · · · · · · · · · · · · ·	·	
Sandwich, Massachusetts 02563 Citizenship USA Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini	Date		
CitizenshipUSA Post Office AddressSame as Above Full name of fourth joint inventor, if anyPaul J. Piccolomini Inventor's SignaturePaul J. Piccolomini			
Post Office Address Same as Above Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini			
Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini			
Full name of fourth joint inventor, if any Paul J. Piccolomini Inventor's Signature Paul J. Piccolomini			
Inventor's Signature Paul Curolonum			
	Date	11/3/00	,
		777	
Leominster, Massachusetts 01453			
Citizenship USA			
Post Office Address Same as Above			
Full name of fifth joint inventor, if any Dennis H. Smith			
A 1	Doto	10/31/00	
	Date_	10111100	
Residence 84 Monument Farm Road			
Citizanskin USA			
Citizenship USA		 	
Post Office Address Same as Above			

Full name of sixth joint			
inventor, if any	Joseph A. Velazquez		
Inventor's Signature	beelt to Mellerius		Date 11/3/2000
Residence	24 Blueberry Lane		/ '
	Hopkinton, Massachusetts 01748		
Citizenship	USA		
Post Office Address	Same as Above		
		· · · · · · · · · · · · · · · · · · ·	
		t y et	
		:	
	·		

.

.